

**SLOVENSKI STANDARD**  
**SIST EN IEC 61993-2:2019**  
**01-januar-2019**

**Nadomešča:**  
**SIST EN 61993-2:2013**

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**Pomorska navigacijska in radiokomunikacijska oprema in sistemi - Sistemi za avtomatično identifikacijo (AIS) - 2. del: Ladijska oprema razreda A sistema za avtomatično identifikacijo (AIS) - Operativne in tehnične zahteve, preskusne metode in pričakovani rezultati preskušanja (IEC 61993-2:2018)**

Maritime navigation and radiocommunication equipment and systems - Automatic Identification Systems (AIS) - Part 2: Class A shipborne equipment of the automatic identification system (AIS) - Operational and performance requirements, methods of test and required test results (IEC 61993-2:2018)

Navigation- und Funkkommunikationsgeräte und -systeme für die Seeschifffahrt - Automatische Identifikationssysteme (AIS) - Teil 2: Geräte der Klasse A des universellen automatischen Identifikationssystems (AIS) für Schiffe - Betriebs- und Leistungsanforderungen, Prüfverfahren und geforderte Prüfergebnisse (IEC 61993-2:2018)

Matériels et systèmes de navigation et de radiocommunications maritimes - Systèmes d'identification automatique (AIS) - Partie 2: Equipements AIS de type Classe A embarqués - Exigences d'exploitation et de fonctionnement, méthodes d'essai et résultats d'e (IEC 61993-2:2018)

**Ta slovenski standard je istoveten z: EN IEC 61993-2:2018**

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Maritime navigation and radiocommunication equipment and systems - Automatic Identification Systems (AIS) - Part 2: Class A shipborne equipment of the automatic identification system (AIS) - Operational and performance requirements, methods of test and required test results  
(IEC 61993-2:2018)

Matériels et systèmes de navigation et de radiocommunication maritimes - Systèmes d'identification automatique (AIS) Partie 2: Équipements AIS de type Classe A embarqués - Exigences d'exploitation et de fonctionnement, méthodes d'essai et résultats d'essai exigés  
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Navigations- und Funkkommunikationsgeräte und -systeme für die Seeschifffahrt - Automatische Identifikationssysteme (AIS) - Teil 2: Geräte der Klasse A des universellen automatischen Identifikationssystems (AIS) für Schiffe - Betriebs- und Leistungsanforderungen, Prüfverfahren und geforderte Prüfergebnisse  
(IEC 61993-2:2018)

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**EN IEC 61993-2:2018 (E)****European foreword**

The text of document 80/888/FDIS, future edition 3 of IEC 61993-2, prepared by IEC/TC 80 "Maritime navigation and radiocommunication equipment and systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61993-2:2018.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2019-05-23
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-08-23

This document supersedes EN 61993-2:2013.

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The text of the International Standard IEC 61993-2:2018 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 61097-14	NOTE	Harmonized as EN 61097-14
IEC 61108-1	NOTE	Harmonized as EN 61108-1
IEC 61108-2	NOTE	Harmonized as EN 61108-2
IEC 61162-3	NOTE	Harmonized as EN 61162-3
IEC 61924-2	NOTE	Harmonized as EN 61924-2
IEC 62287-1	NOTE	Harmonized as EN 62287-1
IEC 62320-1	NOTE	Harmonized as EN 62320-1
IEC 62320-2	NOTE	Harmonized as EN 62320-2

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60945	2002	Maritime navigation and radiocommunication equipment and systems - General requirements - Methods of testing and required test results	EN 60945	2002
IEC 61108	series	Maritime navigation and radiocommunication equipment and systems - Global navigation satellite systems (GNSS)	EN 61108	series
IEC 61162-1	2016	Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 1: Single talker and multiple listeners	EN 61162-1	2016
IEC 61162-2	-	Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 2: Single talker and multiple listeners, high-speed transmission	EN 61162-2	-
IEC 61162-450	2018	Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 450: Multiple talkers and multiple listeners - Ethernet interconnection	EN IEC 61162-450	2018
IEC 61162-460	-	Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 460: Multiple talkers and multiple listeners - Ethernet interconnection - Safety and security	EN IEC 61162-460	-
IEC 62288	-	Maritime navigation and radiocommunication equipment and systems - Presentation of navigation-related information on shipborne navigational displays - General requirements, methods of testing and required test results	EN 62288	-
IEC 62388	-	Maritime navigation and radiocommunication equipment and systems - Shipborne radar - Performance requirements, methods of testing and required test results	EN 62388	-

## EN IEC 61993-2:2018 (E)

IEC 62923-1	-	Maritime navigation and radiocommunication equipment and systems - Bridge alert management - Part 1: Operational and performance requirements, methods of testing and required test results	-	-
IEC 62923-2	-	Maritime navigation and radiocommunication equipment and systems - Bridge alert management - Part 2: Alert and cluster identifiers and other additional features	EN 62923-2 <sup>1</sup>	-
ITU-R Recommendation M.1084-5	2012	Interim solutions for improved efficiency in the use of the band 156-174 MHz by stations in the maritime mobile service	-	-
ITU-R Recommendation M.1371-5	2014	Technical characteristics for an automatic identification system using time-division multiple access in the VHF maritime mobile band	-	-
ITU-R Recommendation M.493-14	-	Digital selective-calling system for use in the maritime mobile service	-	-
ITU-R Recommendation M.541-10	-	Operational procedures for the use of digital selectivecalling equipment in the maritime mobile service	-	-
ITU-R Recommendation M.825-3	-	Characteristics of a transponder system using digital selective calling techniques for use with vessel traffic services and ship-to-ship identification	-	-
ITU-T Recommendation O.153	-	Basic parameters for the measurement of error performance at bit rates below the primary rate	-	-
IMO Resolution-A.694 (17)	-	General requirements for shipborne radio equipment forming part of the Global Maritime Distress and Safety System (GMDSS) and for electronic navigational aids	-	-
IMO Resolution- MSC.302(87)	-	Performance standards for Bridge Alert Management	-	-
IMO Resolution- MSC.43(64)	-	Guidelines and Criteria for Ship Reporting Systems (as amended by MSC.111(73))	-	-
IMO Resolution- MSC.74(69)	-	Performance standards for an Universal sshipborne automatic identification systems (AIS)	-	-

<sup>1</sup> Under preparation. Stage at the time of publication: FprEN 62923-2:2018.



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Edition 3.0 2018-07

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Maritime navigation and radiocommunication equipment and systems –  
Automatic identification systems (AIS) –  
Part 2: Class A shipborne equipment of the automatic identification  
system (AIS) – Operational and performance requirements, methods of test  
and required test results**

**Matériels et systèmes de navigation et de radiocommunication maritimes –  
Systèmes d'identification automatique (AIS)  
Partie 2: Équipements AIS de type Classe A embarqués – Exigences  
d'exploitation et de fonctionnement, méthodes d'essai et résultats  
d'essai exigés**

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